

Table 4.17
Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

<u>SEER Incidence</u>	SEER 17 Areas ^b Rate 2002-2006 Rate per 100,000 persons	SEER 13 Areas ^b Trend 1997-2006 ^c AAPC (%)	SEER 9 Areas ^b Trend 1997-2006 ^d AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	123.8	-1.4*	-1.3*
White	127.8	-1.5*	-1.4*
White Hispanic ^e	90.5	-0.1	-
White Non-Hispanic ^e	134.0	-1.5*	-
Black	117.7	-0.2	-0.3
Asian/Pacific Islander	89.5	-0.8*	-
Amer Ind/Alaska Nat ^f	74.4	-0.3	-
Hispanic ^e	88.3	0.0	-
<u>U.S. Mortality^g</u>			
	Rate 2002-2006 Rate per 100,000 persons	Trend 1997-2006 ^h AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	24.5	-2.1*	
White	23.9	-2.1*	
White Hispanic ^e	16.0	-2.0*	
White Non-Hispanic ^e	24.5	-1.9*	
Black	33.0	-1.6*	
Asian/Pacific Islander	12.5	-0.6*	
Amer Ind/Alaska Nat			
Total U.S.	14.3	-0.7	
CHSDA Counties	17.6	0.3	
Non-CHSDA Counties	10.2	-2.3*	
Hispanic ^e	15.5	-1.9*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

^d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

* The APC is significantly different from zero (p<.05).